

NFR5 - LysM Motif Alignment

		SEQ ID	LysM sequence - NFR5	% iden
LysM1	<i>Lotus japonicus</i>	8	YTAQSPNLLSLTNI SDIFDISPLSIARASNI DAGKDKLVP GOVLLVP	100
	<i>Peium sativum</i>	15	YFARSPNPLSLTNI SDIFAMSPLSIARASNI DEEDKDLVPGOVLLIP	72.3
	<i>M. trunculata</i>	32	YRAQSPNPLSLTNI SDIFNLSPLRIAKASNI EAEDKDLIPDOILLVP	70.2
	<i>F. vulgaris</i>	40	YISQSPNPLSLTNI SDIFNLSPLSIARASNI QHEDKDLIPGOVLLIP	70.2
	<i>Glycine max</i>	48	YIAQSPNPLSLTNI SDIFDTSPLSIARASNI LPMDDKLVKDOVLLVP	76.6
	<i>L. filicaulis</i>	31	YTAQSPNLLSLTNI SDIFDISPLSIARASNI DAGKDKLVP GOVLLVP	100
LysM2	<i>Lotus japonicus</i>	8	YQIQGDSYDFVATTLYENLTNNWIVQASNPVNPYLLPERVKVVFP	100
	<i>Peium sativum</i>	15	YTIKLGDNFYIVSTTSYONLTNYVEMENFNPNLSPNLLPERIKVVVP	51.1
	<i>M. trunculata</i>	32	YSIKQGNFFILSITTSYONLTNYLEPKNFNPNLSPNLLPLDTRKVVSP	40.4
	<i>F. vulgaris</i>	40	YEINQGDSEFYVATTLYONLTNNWIAVMDLNPGLSOFTLPIGIQVVIP	55.3
	<i>Glycine max</i>	48	YEINQGDSEFYVATTSYENLTNNWRAVMDLNPVLSPNKLPIGIQVVFP	57.4
	<i>L. filicaulis</i>	31	YQIQGDSYDFVATTLYENLTNNWIVQASNPVNPYLLPERVKVVFP	97.9
LysM3	<i>L. japonicus</i>	8	YVWKPNQNVSLVSAKFGASPADILTENRYQDFTAATNLPILIP	100
	<i>Peium sativum</i>	15	YVWQANDNVTRVSSKFGASQVDMFTEN..NONFTASTNVPILIP	65.9
	<i>M. trunculata</i>	32	YVWQDNQNVTRVSSKFGASQVEMIAEN..NHNFTASTNRSVLIP	59.1
	<i>F. vulgaris</i>	40	YVWQPNQNVSPVSNKLGASQDILSNNYQONFTAASNLPLVILIP	75.0
	<i>Glycine max</i>	48	YVWKPNQNVSLVSKFGASPEDIMSENNYQONFTAANNLPVILIP	79.5
	<i>L. filicaulis</i>	31	YVWKPNQNVSLVSAKFGASPADILTENRYQDFTAATNLPILIP	100

NFR1 - LysM Motif Alignment

		SEQ ID	LysM sequence - NFR1	% iden
LysM1	<i>Lotus japonicus</i>	25	YSASKGDTYETIANLYYANLTIVDILLKRPNSYDPKNIPVNAKVVNT	100
	<i>Lotus japonicus</i>	24	YSASKGDTYETIANLYYANLTIVDILLKRPNSYDPKNIPVNAKVVNT	100
	<i>Lotus japonicus</i>	25	YSASKGDTYETIANLYYANLTIVDILLKRPNSYDPKNIPVNAKVVNT	100
	<i>Peium sativum</i>	52	YTTKKGDTYDLIANNYYVSLTSVELLKKPN SYDPNHPAKAKVVNT	67.4
	<i>Peium sativum</i>	54	YTANEGDTYDLIANNYYASLTTEVLLKKYNSYDPNHPVKAQVVNT	69.6
LysM2	<i>Lotus japonicus</i>	25	YPIRPGDTLQDIANQSSLDAGLIQSPNPSVNFPSKDSGIAFIP	100
	<i>Lotus japonicus</i>	24	YPIRPGDTLQDIANQSSLDAGLIQSPNPSVNFPSKDSGIAFIP	100
	<i>Lotus japonicus</i>	25	YPIRPGDTLQDIANQSSLDAGLIQSPNPSVNFPSKDSGIAFIP	100
	<i>Peium sativum</i>	52	YPLRSTDSLEKIANESLDEGLIQNFNPVNFPSKDSGIVFIP	66.7
	<i>Peium sativum</i>	54	YPLRPRDTLEKIANESLDEGVLIQSYNLGVNFPSKDSGVVFP	61.9